

What is claimed is:

1. A system, wherein drive units on a movable part, in particular a turntable or linear drive, are powered in a contactless manner via, in each instance, an inductive coupling to one or more primary conductors.
2. The system as recited in at least one of the preceding claims, wherein the part is rotationally mounted or linearly movable.
3. The system as recited in at least one of the preceding claims, wherein the primary conductor powers the drive units in series.
4. The system as recited in at least one of the preceding claims, wherein the primary conductor is supplied with energy in a contactless manner via stationary coil cores containing at least one coil winding, or the primary conductor is supplied with energy via a loop wire.
5. The system as recited in at least one of the preceding claims, wherein the primary conductor is laid as a closed loop.
6. The system as recited in at least one of the preceding claims, wherein at least one drive unit includes an electric motor and electronic circuit for powering the electric motor, the drive unit being able to be powered inductively.
7. The system as recited in at least one of the preceding claims, wherein a primary conductor is provided on the drive unit in such a manner, that an inductive coupling to a secondary winding contained by the drive unit is providable.

8. The system as recited in at least one of the preceding claims, wherein at least one primary conductor is provided in an indentation or a cable duct of the drive unit.

9. The system as recited in at least one of the preceding claims, wherein at least one secondary winding is wound around a U-shaped and/or E-shaped core.

10. The system as recited in at least one of the preceding claims, wherein the primary conductors are at least partially encapsulated and/or protected by a cover.

11. The system as recited in at least one of the preceding claims, wherein at least one drive unit is manufactured to be impervious, to be smooth on the outer surface, and/or to provide a high degree of protection, in particular for use in wet areas and/or aseptic areas.

12. The system as recited in at least one of the preceding claims, wherein the drive unit does not include a plug-and-socket connector or other electrical connection terminals on its exterior.

13. The system as recited in at least one of the preceding claims, wherein the drive unit is designed in such a manner, that information is transmittable by modulating higher-frequency signals onto the primary conductor.